

Analytical Data Sheet

Lot number

1067145

not for drug use

Catalog number

H-7472.0500

Product number

4036028.0500

Product

Amyloid β - Protein (2- 42) trifluoroacetate salt

H- Ala- Glu- Phe- Arg- His- Asp- Ser- Gly- Tyr- Glu- Val-
His- His- Gln- Lys- Leu- Val- Phe- Phe- Ala- Glu- Asp-
Val- Gly- Ser- Asn- Lys- Gly- Ala- Ile- Ile- Gly- Leu- Met-
Val- Gly- Gly- Val- Val- Ile- Ala- OH trifluoroacetate salt

Molecular formula

$C_{199}H_{306}N_{54}O_{57}S$

Relative molecular mass

4399.01

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	4399.41
Amino acid analysis	<p>Asx 3.11 (3) Val* 3.46 (6) Phe 2.63 (3) Ser 1.97 (2) Met** 0.87 (1) His^^ 2.54 (3) Glx 4.05 (4) Ile^ 1.48 (3) Lys 2.11 (2) Gly 6.03 (6) Leu 2.05 (2) Arg 0.90 (1) Ala 4.15 (4) Tyr 0.97 (1)</p> <p>*Valine value low due to the resistance of the Val-His, Val-Val and Val-Ile bonds to acid hydrolysis **Partially destroyed during acid hydrolysis ^Isoleucine value low due to the resistance of the Ile-Ile and Val-Ile bonds to acid hydrolysis ^^Histidine value low due to the resistance of the Val-His and His-His bonds to acid hydrolysis</p>
Solubility	soluble in water at 1mg/mL
Purity (HPLC)	83.4%
Assay (AAA)	90.7%
Date of manufacture	July 13, 2016

Latest update: July 29, 2016

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